

# 2013 ASHRAE Journal Indices

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## Refrigeration

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## Smart Grid

- Microgrids for Energy Reliability. Dave Robinson. P. B14. Nov.

- Smart Grid and Building Operators. Phil Davis. P. B23. Nov.

## Standards

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## Thermal Comfort

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## Thermal Energy Storage

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## Thermally Active Floors

- Thermally Active Floors, Part 1: Daniel H. Nall. P. 32. Jan.  
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## Technology Awards

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Big Plant in a Small Space. Blake E. Ellis, Raymond J. Mosier. P. 28. Jul.  
Botanical Research Laboratory. Caroline Paquet. P. 28. Dec.  
Strategies for Sustainability. Louise Smith. P. 34. Dec.  
Cutting-Edge Renovation. Laurier Nichols, Marc-Olivier Lacoursière, Mathieu Courchesne. P. 60. Aug.  
Data Center Dilemma. Jeff Sloan. P. 63. March.  
Economizer for Data Center. Mehrdad Alipour. P. 20. Oct.  
Fire Station Renovation. Sean Abbott. P. 30. Nov.  
Fire Station Rescue. Jonathan Heller, Carmen Cejudo. P. 58. Sept.  
Geothermal for 5 Ecosystems. André-Benoît Allard. P. 32. Apr.  
Geothermal for Big Box Retail. Nuno Duarte. P. 90. Nov.  
Heat Recovery for School. Thomas H. Durkin, Alvaro Villalta. P. 68. Mar.

- Holistic HVAC Design. Abdel K. Darwich. P. 40. Apr.  
Hospital Quality Control. Michael Fullerton. P. 34. July.  
Hot, Humid Lab Hood Facility. Rob Turner. P. 40. Oct.  
Low EUI Community Hospital. Jeremy McClanathan. P. 36. Jun.  
NREL: Largest Net Zero Building. Chuck-Kwan Joseph Tai, Matt Grinberg, Porus Antia. P. 36. Sept.  
Passive Cooling for School. Hormaz Janssens. P. 54. May.  
PSU Design Build Project. Mark O. Koller. P. 46. May.  
Reheat for Medical Center. Mike Lawless. P. 46. Jun.  
Sewage Plant Heats Village. Richard Perry, Tom Ren. P. 40. Nov.

## Valves

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## Variable Air Volume

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VAV Reheat Versus Active Chilled Beams & DOAS. Jeff Stein, Steven T. Taylor. P. 18. May.

## Variable Frequency Drive

- Standardizing Data for VFD Efficiency. Andrea Krukowski, Craig P. Wray. P. 16. Jun.

## Variable Refrigerant Flow

- Sustainable Design of Water Source VRF. Ramez Afify. P. 14. Oct.

## Water

- Total Dissolved Solids in Reclaimed Water. Daniel H. Nall, Robert Sedlak. P. 28. Oct.



